

ABSTRACT:

Described is a transmission system comprising at least one primary station (2) and at least one secondary station (4). The primary station (2) and the secondary station (4) are coupled to each other via a transmission medium (14). The secondary station (4) comprises data transmission request means (36,42,44) for transmitting a data transmission request (70) to the primary station (2) when transmission data are available in the secondary station (4). The transmission system is characterised in that the primary station (2) comprises transmission means (20,22,26) for transmitting, upon receipt of the data transmission request (70), a data transmission refusal (72) followed by a data transmission grant (74) to the secondary station (4). The primary station (2) comprises monitoring means (22,28) for monitoring the transmission of data (76) by the secondary station (2) in response to the data transmission grant (74). In this way, the primary station (2) can determine the ability of the secondary station (4) to handle unsolicited grants.

Fig. 6